Karam **Salom Hamwi**

Web Developer · Software Engineer

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Projects

Dragon Boat Social Media Platform

K-SYNC DRAGON BOAT, FINAL PROJECT

- Leveraged **JavaScript, NodeJs, ExpressJS for Back-end.** Made early-stage paddlers infrastructure for **Sign-ups, Log-ins, and creating a team.** To facilitate the user's experience, I added delays and confirmation messages. All the information saved using **MongoDB database fully utilizes cloud capabilities.**
- Made the website secure using **BCrypt API** to encrypt passwords, raising the safety of the accounts.
- Optimized **back-end data** to save more **space by 30%** with encapsulation methods.
- Creating rosters uses a **drag and drop** function that places team members on the boat. I identified the array number of every seat and used functions that increased website **fluidity.**
- Team Creator has special privileges like **deleting their own team**, **adding/removing members**, all being tracked in the **back-end.**
- Smooth boat design that enhances the **front-end's** visual appeal and raises **satisfaction by 10%.**
- Leveraged **ReactJS, Tailwind, HTML, CSS, Redux** for fantastic **UI/UX design.**
- Deployed the project successfully using **Render** for back-end and **Vercel** for Front-end.

E-commerce Website

GADGETGO, GROUP PROJECT

- Led a **team of developers** to design and maintain **GadgetGo Electronics E-commerce website** by leveraging **GitHub creating , deleting branches and fixing conflicts**
- Leveraged **Javascript, NodeJS, ExpressJS, MongoDB** to build a fluid **back-end infrastructure** which facilitated the job of my teammates.
- Leveraged **ReactJS, Redux, TailwindCSS** to build the Cart page which improved the **user's experience** and made it more **dynamic.**
- Purchasing, Deleting items in cart, modifying quantity , all being **tracked smoothly** in the **back-end.**
- Deployed the e-commerce website successfully with **Render and Vercel.**

Work Experience

Novatech Analytical Solutions   *Montreal, QC*

ELECTRONICS SERVICE TECHNICIAN   *May. 2020 - Sep. 2022*

- Automation of manual tasks with **PLC (Programmable logic controllers) (Ladder programming)** and **Arduino (C++) , resulting in a 40% reduction in overall processing time.**
- Calibration and reparation of **Analytical instruments.**
- Excellent communication skills with the clients, taking **initiatives** to satisfy the clients.

Education

Concordia University   *Montreal, QC*

DIPLOMA - WEB DEVELOPMENT   *July. 2023*

- Intensive Boot-camp graduated with Excellence ,**leader** in my group projects.

Vanier College   *Montreal, QC*

DIPLOMA - INDUSTRIAL ELECTRONICS TECHNOLOGIST (DEC)   *July. 2017 - Feb. 2020*

- CPMT **Scholarship** winner, **Grade A+** overall.

Skills

Programming JavaScript, Java, NodeJS, Express, Python, MySQL, MongoDB, AngularJS, Firebase, HTML/CSS,JQuery, Typescript, Wordpress

Tools Hugo, **Redux, React, HTML5, Tailwind, BCrypt, Insomnia,** Trello, **GitHub, Git, Docker, CI/CD pipeline,** Sharepoint

Languages **English**, Spoken and Written; **French**, Spoken and Written; **Arabic**, Spoken